

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L4    | 16   | ("20020061418"   "20020177288"   "20030034093"   "20030066962"   "20030095266"   "20030136769"   "20040056195"   "3868507"   "4329617"   "5440124"   "5475318"   "5633455"   "5779920"   "5780187"   "5938493"   "6576900").PN. OR ("6956210").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ              | ON      | 2007/09/20 18:47 |
| L5    | 31   | probe with card same apex  | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ              | ON      | 2007/09/20 18:47 |
| L6    | 13   | ("3628144"   "4314855"   "4590422"   "5220279"   "5288332"   "5308400"   "5326428"   "5383972"   "5478779"   "5652428"   "5666063"   "5728229"   "5814158").PN. OR ("6480015").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ              | ON      | 2007/09/20 18:48 |
| S1    | 2    | "20040021476"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/09/20 10:50 |
| S2    | 10   | ((("6657450") or ("6380754") or ("6127195") or ("5523697") or ("5326428")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/09/17 10:04 |
| S3    | 3    | S2 and projection.clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/09/17 10:04 |
| S4    | 2    | "5326428".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/09/20 10:50 |
| S5    | 0    | micron.as. and (projection and apex\$1)".clm"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/09/20 10:51 |

## EAST Search History

|     |    |  |   |     |    |                  |
|-----|----|--|---|-----|----|------------------|
| S6  | 15 | micron.as. and (projection and apex\$1).clm.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/20 11:05 |
| S7  | 25 | apex same projection and substrate and 324/765.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/20 11:15 |
| S8  | 27 | apex same projection and substrate and 324/754.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/20 11:17 |
| S9  | 55 | apex same projection and substrate and 324/754-765.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/20 11:17 |
| S10 | 47 | apex same projection and substrate and "438"/\$.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/20 11:19 |
| S11 | 75 | apex same projection and substrate and "257"/\$.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/09/20 11:20 |

## EAST Search History

|     |    |  |                              |     |    |                  |
|-----|----|--|------------------------------|-----|----|------------------|
| S12 | 64 | ("3412456"   "3469019"   "4105970"<br>  "4116523"   "4141055"  <br>"4182781"   "4189825"   "4312117"<br>  "4315984"   "4417206"  <br>"4499656"   "4566184"   "4571540"<br>  "4585991"   "4881118"  <br>"4924589"   "4929999"   "4937653"<br>  "4952272"   "4963225"  <br>"5014161"   "5032541"   "5045780"<br>  "5072116"   "5103557"  <br>"5137461"   "5177438"   "5177439"<br>  "5196251"   "5206585"  <br>"5235140"   "5239260"   "5245135"<br>  "5262718"   "5307561"  <br>"5323035"   "5326428"   "5334804"<br>  "5353195"   "5367253"  <br>"5402077"   "5419807"   "5420520"<br>  "5431328"   "5468917"  <br>"5471151"   "5477087"   "5478779"<br>  "5523697"   "5541525"  <br>"5559444"   "5625297"   "5716218"<br>  "5790377"   "5831832"  <br>"5838160"   "5849633"   "5869787"<br>  "6002266"   "6093643").PN. OR<br>("6686758").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/20 11:20 |
| S13 | 85 | ("4862243"   "5048744"  <br>"5177439").PN. OR ("5323035").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/20 11:22 |
| S14 | 57 | ("3412456"   "3469019"   "4105970"<br>  "4141055"   "4182781"  <br>"4189825"   "4312117"   "4315984"<br>  "4417206"   "4499656"  <br>"4566184"   "4585991"   "4881118"<br>  "4924589"   "4929999"  <br>"4937653"   "4952272"   "4963225"<br>  "5014161"   "5032541"  <br>"5045780"   "5072116"   "5103557"<br>  "5137461"   "5177438"  <br>"5177439"   "5196251"   "5206585"<br>  "5235140"   "5239260"  <br>"5245135"   "5262718"   "5307561"<br>  "5323035"   "5326428"  <br>"5334804"   "5353195"   "5367253"<br>  "5402077"   "5419807"  <br>"5420520"   "5431328"   "5468917"<br>  "5471151"   "5477087"  <br>"5478779"   "5523697"   "5541525"<br>  "5559444"   "5625297"  <br>"5716218"   "5790377"   "5831832"<br>  "5849633"   "5869787").PN. OR<br>("6380754").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/09/20 11:24 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L3    | 6    | (apex\$1 semiconductive project\$4).clm.                       | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:15 |
| L4    | 244  | (apex\$1 substrate project\$4).clm.                            | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:16 |
| L5    | 7    | (apex\$1 substrate project\$4 polygon).clm.                    | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:16 |
| L6    | 26   | (engagement probe apex\$2 knife).clm.                          | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:23 |
| L7    | 4    | (engagement probe apex\$2 projection extending substrate).clm. | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:24 |
| L8    | 24   | (engagement probe apex\$2 projection substrate).clm.           | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:24 |
| L9    | 21   | (probe grouping apex\$2 projection substrate).clm.             | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:25 |
| L10   | 0    | (probe apex\$2 another with projection).clm.                   | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:25 |
| L11   | 0    | (probe apex\$2 another projection).clm.                        | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:25 |
| L12   | 47   | (probe apex\$2 second projection).clm.                         | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:25 |
| L13   | 23   | (probe apex\$2 knife projection).clm.                          | US-PGPUB;<br>USPAT | AND              | ON      | 2007/09/20 19:26 |

*Interference Search*